

**ABSTRACT OF THE DISCLOSURE**

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An alcohol and drug sensor system for vehicles for preventing  
ignition of a vehicle engine by an intoxicated driver includes a gas  
chromatograph sensor operationally coupled to a sample collection  
tube. The sensor is operationally coupled to a microprocessor that  
10 prevents the ignition system of the vehicle from working until a  
breath sample is collected and the intoxicant content of the breath  
sample is determined to be below a pre-determined level.